

FIG. 1
(PRIOR ART)

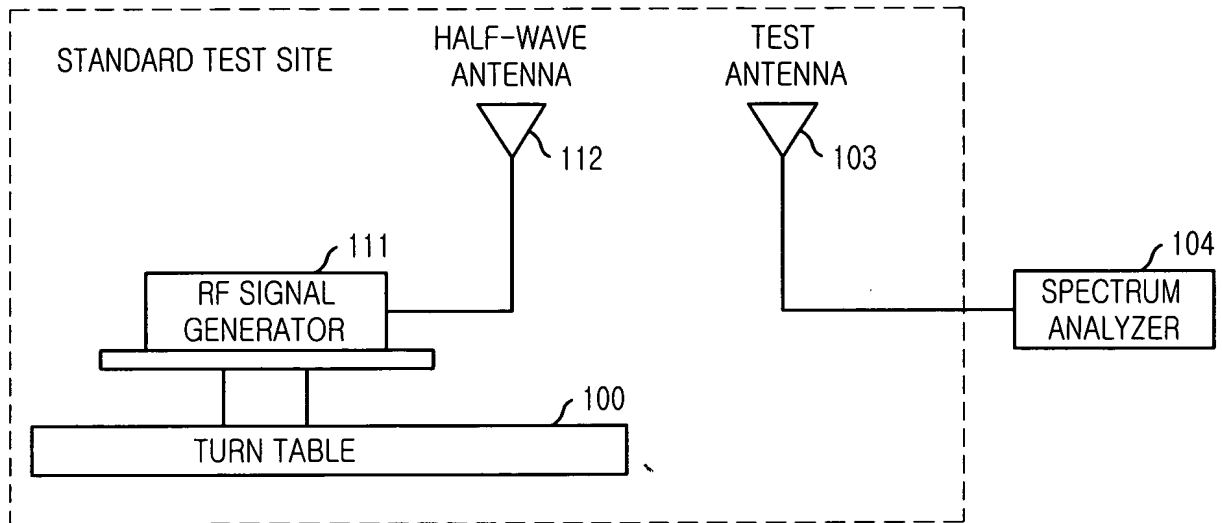


FIG. 2
(PRIOR ART)

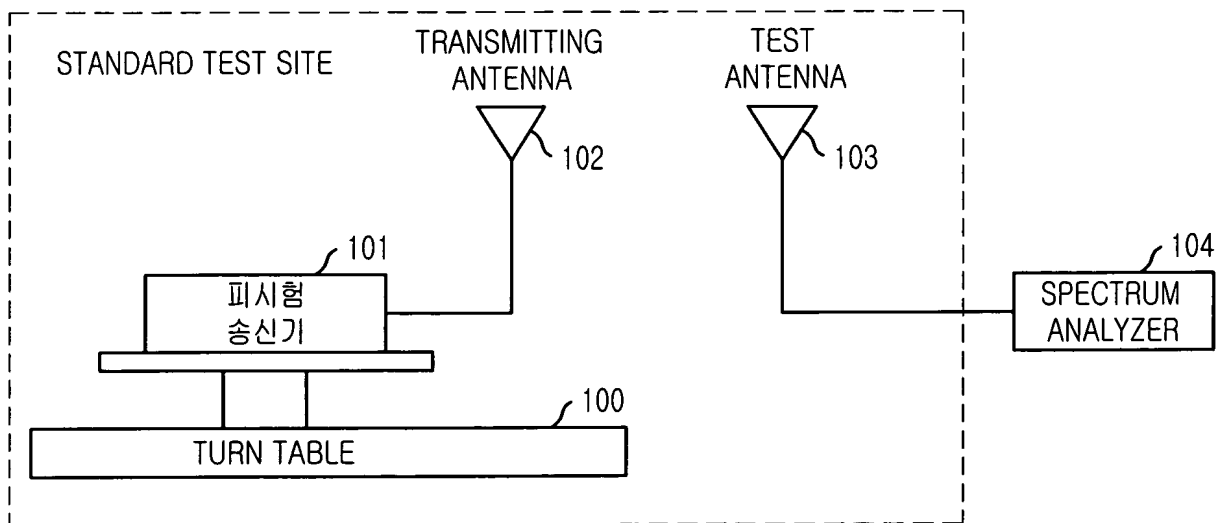


FIG. 3
(PRIOR ART)

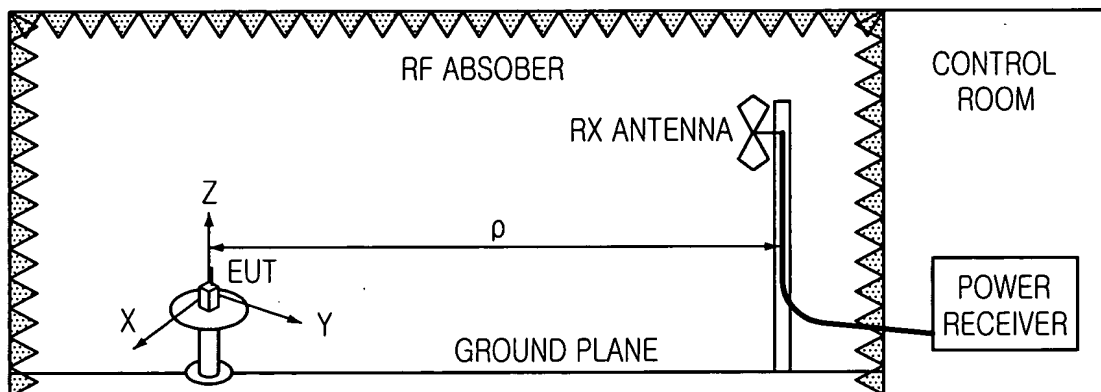


FIG. 4
(PRIOR ART)

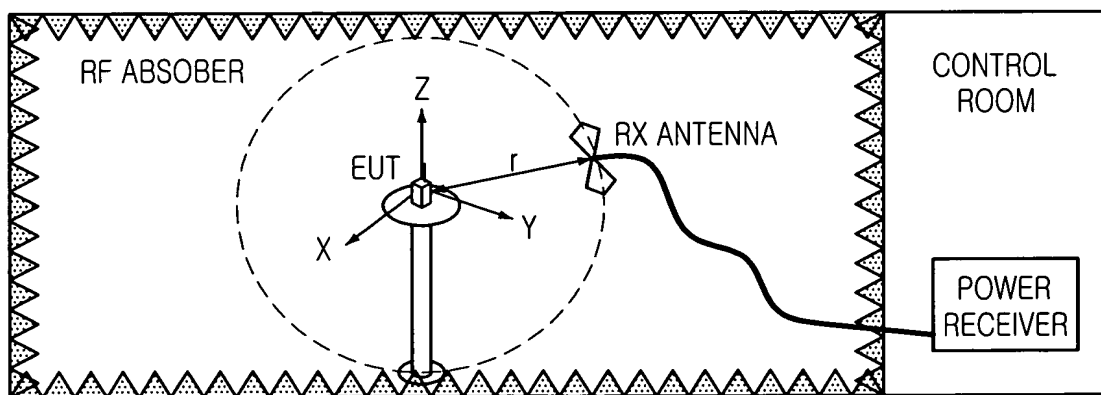


FIG. 5

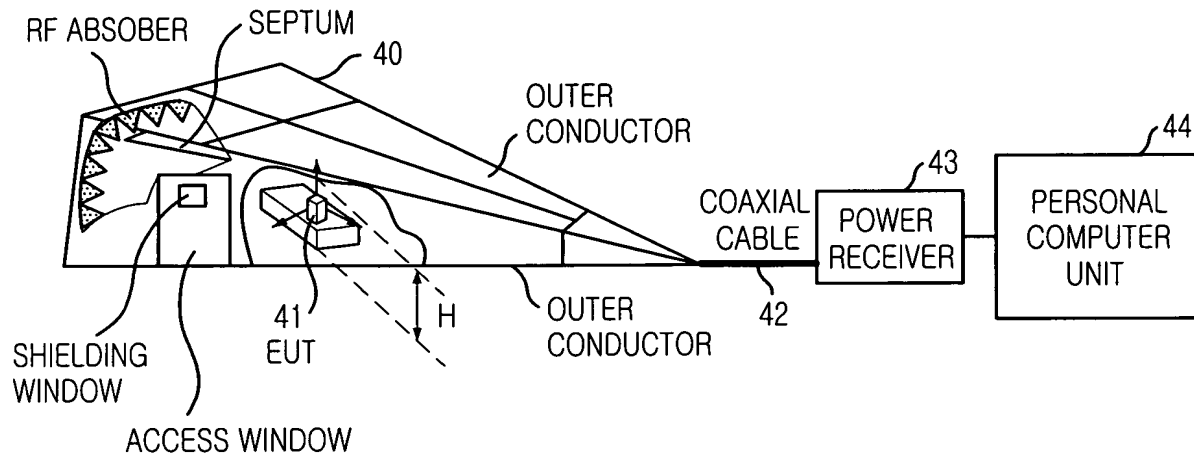
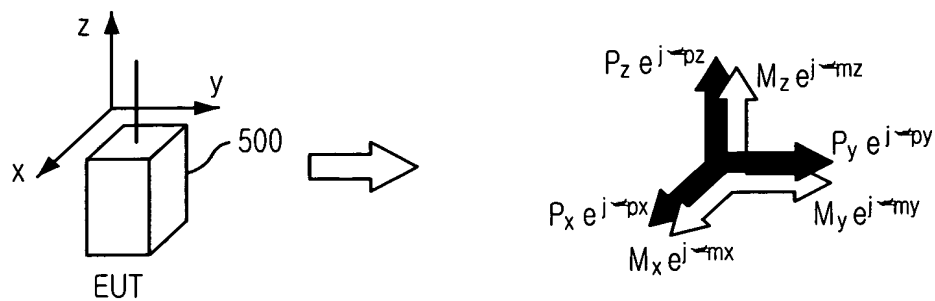


FIG. 6



ELECTRIC DIPOLE MOMENT $P = P_x e^{j\vec{p}_x} + P_y e^{j\vec{p}_y} + P_z e^{j\vec{p}_z}$
 MAGNETIC DIPOLE MOMENT $M = M_x e^{j\vec{m}_x} + M_y e^{j\vec{m}_y} + M_z e^{j\vec{m}_z}$

FIG. 7

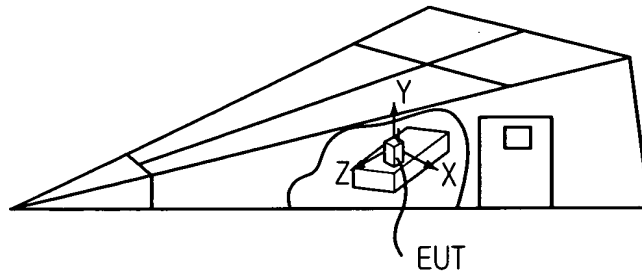


FIG. 8

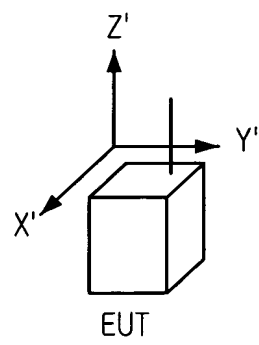


FIG. 9

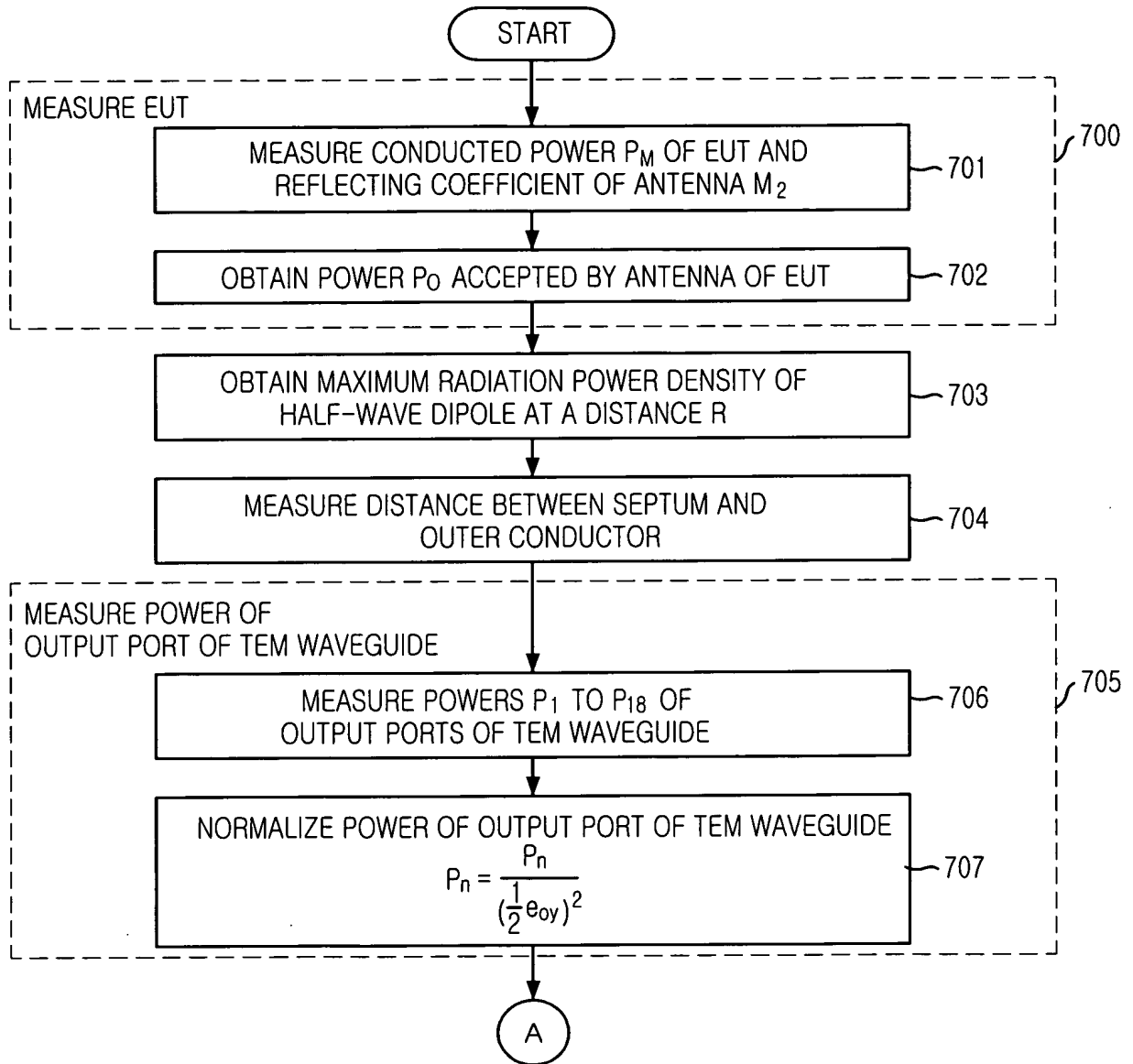


FIG. 10

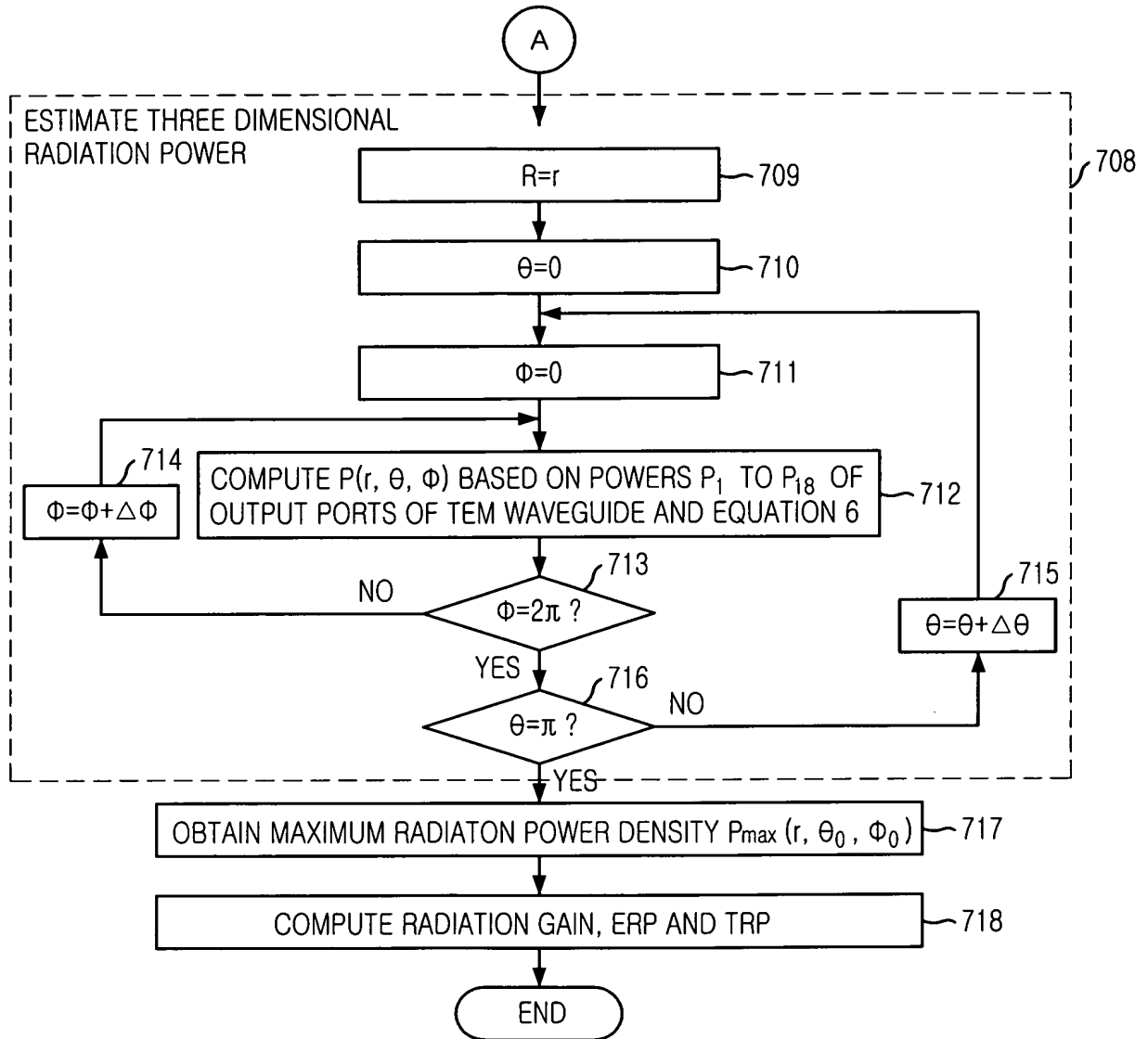


FIG. 11

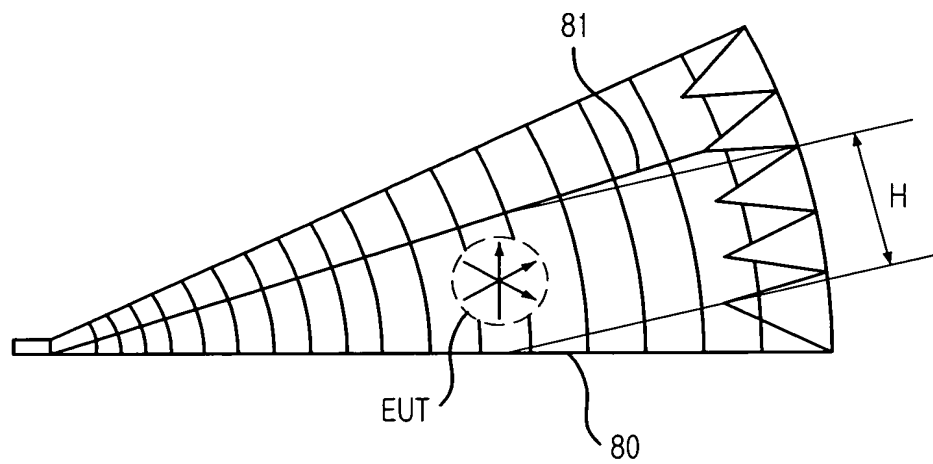


FIG. 12

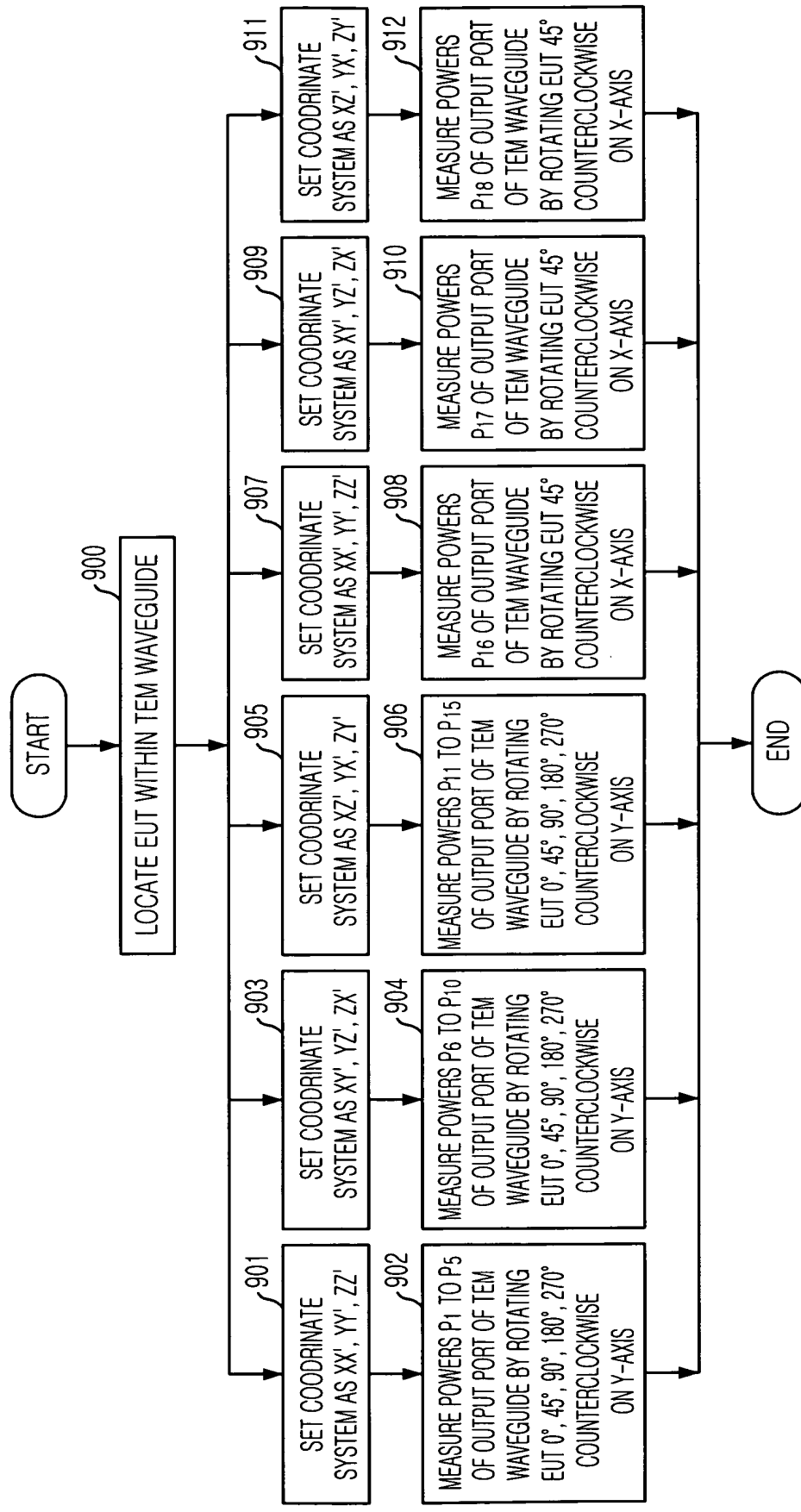
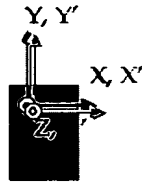
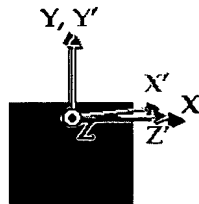


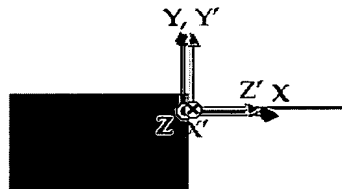
FIG. 13



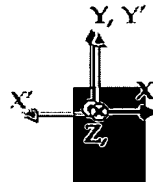
ARRANGEMENT 1 (COUNTERCLOCKWISE 0°)



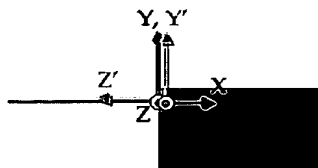
ARRANGEMENT 2 (COUNTERCLOCKWISE 45°)



ARRANGEMENT 3 (COUNTERCLOCKWISE 90°)



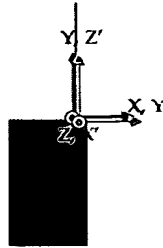
ARRANGEMENT 4 (COUNTERCLOCKWISE 180°)



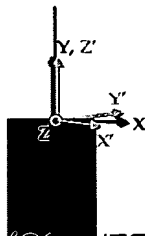
ARRANGEMENT 5 (COUNTERCLOCKWISE 270°)

(XX', YY', ZZ') ROTATE ON Y-AXIS

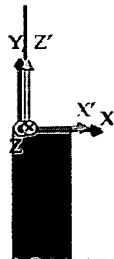
FIG. 14



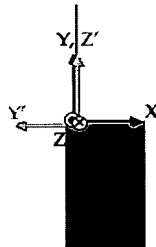
ARRANGEMENT 6 (COUNTERCLOCKWISE 0°)



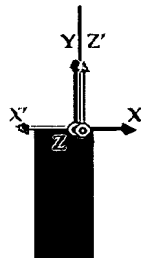
ARRANGEMENT 7 (COUNTERCLOCKWISE 45°)



ARRANGEMENT 8 (COUNTERCLOCKWISE 90°)



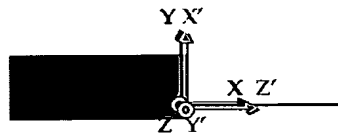
ARRANGEMENT 9 (COUNTERCLOCKWISE 180°)



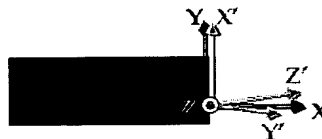
ARRANGEMENT 10 (COUNTERCLOCKWISE 270°)

(XY', YZ', ZX') ROTATE ON Y-AXIS

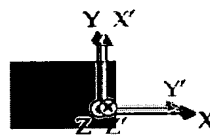
FIG. 15



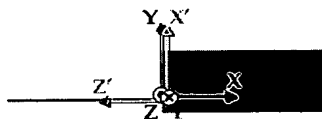
ARRANGEMENT 11 (COUNTERCLOCKWISE 0°)



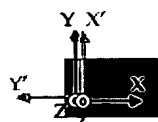
ARRANGEMENT 12 (COUNTERCLOCKWISE 45°)



ARRANGEMENT 13 (COUNTERCLOCKWISE 90°)



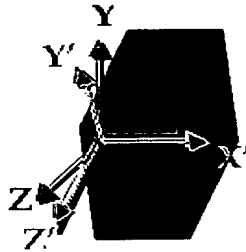
ARRANGEMENT 14 (COUNTERCLOCKWISE 180°)



ARRANGEMENT 15 (COUNTERCLOCKWISE 270°)

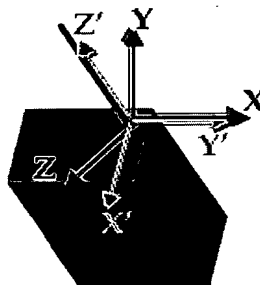
(XZ', YX', ZY') ROTATE ON Y-AXIS

FIG. 16



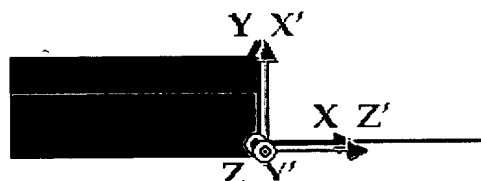
ARRANGEMENT 16 (COUNTERCLOCKWISE 45°)
(XX', YY', ZZ') ROTATE ON X-AXIS

FIG. 17



ARRANGEMENT 17 (COUNTERCLOCKWISE 45°)
(XY', YZ', ZX') ROTATE ON X-AXIS

FIG. 18



ARRANGEMENT 18 (COUNTERCLOCKWISE 45°)
(XZ', YX', ZY') ROTATE ON X-AXIS